



Cores. and Mail
BOX AF

Response under 37 C.F.R. 1.116
- Expedited Examining Procedure -
Examining Group 2712

#19 APR 27 13
Am dt
E (000)
11/24/00
KPA/LL

BOX AF
74508XNAB

Customer No. 01333

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re Application of:

David Kessler, et al

ANTI-ALIASING LOW-PASS BLUR
FILTER FOR REDUCING
ARTIFACTS IN IMAGING
APPARATUS

Serial No. US 08/770,381

Filed 25 October 1999

Commissioner for Patents
Washington, D.C. 20231

Group Art Unit: 2712

Examiner: J. Wilson

I hereby certify that this correspondence is being deposited today with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231.

Deborah J. Walczak

November 17, 2000

Date

Sir:

RESPONSE UNDER 37 CFR 1.116

In response to the Final Office Action mailed September 12, 2000, please amend the above-identified application without prejudice as follows.

In the Claims:

4. (Twice Amended) An imaging apparatus for generating an image signal from incident light with higher spatial frequencies of said incident light limited to reduce undersampling artifacts, said apparatus comprising:

an image sensor for generating the image signal from an array of photosites;

an optical section having a birefringent uniaxial crystal spatial filter interposed in a path of the incident light which removes a portion of said high spatial frequencies in said incident light to produce a blurred image on said photosites, said birefringent uniaxial crystal [optical] spatial filter being Lithium Tantalate; and

wherein said spatial filter is comprised of a first plane plate and at least a second plane plate of lithium [niobate] tantalate.